IN THE SPECIFICATION

Page 46, line 15: delete "to" and substitute therefor --into--.

Page 51, line 1: before "Claim" delete "we" and substitute therefor --I--.

IN THE CLAIMS

Add claims 21-91 as follows:

--21. A system for use in a vehicle comprising:

a control element for providing a plurality of options, each option being associated with a respective one of a plurality of aspects of the vehicle;

a first interface for selecting at least one of said options, the selected option comprising a plurality of sub-options relating thereto;

an output for providing an indicator indicating that the sub-options are available for selection; and

a second interface for selecting the indicator to access one or more of the sub-options.--

--22. The system of claim 21 wherein the first interface includes the second interface.--

--23. The system of claim 21 wherein at least one of the first and second interfaces includes a display element having a touch-screen capability.--

--24. The system of claim 21 wherein at least one of the first and second interfaces includes an indicator device.--

--25. The system of claim 21 wherein the selected option is indicated in a first color, and the indicator is in a second, different color.--

--26. A system for operating a vehicle moving in a selected direction comprising:

an interface for selecting a gear to change an operation of the vehicle; and

a processor for determining whether the selection of the gear causes the vehicle to move in a second direction different from the selected direction, the processor overruling the selection when the selection is determined to cause the vehicle to move in the second direction.--

--27. The system of claim 26 wherein the selected direction and the second direction are opposite each other.--

--28. A system for operating a moving vehicle engaged in a first selected gear comprising:

a sensor for detecting a change from the first selected gear to a second selected gear; and

a controller for operating one or more brakes in the vehicle to decelerate the vehicle when the change is detected.--

--29. A navigation system for use in a vehicle comprising:

an interface for indicating a route; and

a processor for obtaining information about at least one weather condition on the route, the processor

providing an indicator indicative of the weather condition based on the information.--

--30. The system of claim 29 wherein the interface includes a display, the indicated route being shown on the display and the indicator being shown on the display adjacent to a part of the indicated route to which the weather condition pertains.--

--31. A navigation system for use in a vehicle comprising:

an interface for indicating a route; and

a processor for obtaining information about at least one traffic condition on the route, the processor providing an indicator indicative of the traffic condition based on the information.--

--32. The system of claim 31 wherein the interface includes a display, the indicated route being shown on the display and the indicator being shown on the display adjacent to a part of the indicated route to which the traffic condition pertains.--

--33. A system for use in a vehicle comprising:

a first interface for showing a map including the current location of the vehicle;

a second interface for selecting an area in the map; and

a processor for obtaining information on at least one weather condition in the area, the processor providing an indicator indicative of the weather condition in the area based on the information.--

--34. The system of claim 33 wherein the first interface includes a display, the area being shown on the display and the indicator being shown on the display in a part of the area to which the weather condition pertains.--

--35. A system for use in a vehicle comprising:
a first interface for showing a map including the current location of the vehicle;
a second interface for selecting an area in the map; and
a processor for obtaining information on at least one traffic condition in the area, the processor providing an indicator indicative of the traffic condition in the area.--

--36. The system of claim 35 wherein the first interface includes a display, the area being shown on the display and the indicator being shown on the display in a part of the area to which the traffic condition pertains.--

--37. A system for operating a vehicle, the vehicle moving in a selected lane, comprising:
a mechanism for providing automatic steering of the vehicle within the selected lane;
an interface for generating an indication of leaving the selected lane; and
a processor responsive to the indication for allowing manual steering of the vehicle.--

--38. The system of claim 37 wherein the selected lane is designed in accordance with an automated highway system (AHS).--

--39. A system for use in a vehicle comprising:

an interface for defining a zone surrounding the vehicle; and

a processor for determining whether any objects capable of colliding with the vehicle is within the zone, said processor generating a signal when at least one such object is within the zone.--

--40. The system of claim 39 further comprising a mechanism for indicating positions of the objects surrounding the vehicle.--

--41. A system for parking a vehicle comprising:

an interface for defining a space for parking the vehicle;

a processor for identifying the current position of the vehicle, and positions of any obstacles surrounding the space; and

a mechanism for automatically moving the vehicle from the current position into the space, avoiding the obstacles.--

--42. The system of claim 41 further comprising means for determining whether the space is feasible for parking of the vehicle.--

--43. A system for limiting control by a user of an item in a vehicle, the user being assigned a

security code and a clearance level, comprising:

a processor for verifying the security code; and

a comparator for performing a comparison between the clearance level and a security level pre-assigned to the item, the allowability of the control by the user being based on verification of the security code and a result of the comparison.--

--44. The system of claim 43 wherein the security code includes a personal identification number (PIN).--

--45. Apparatus for gaining access to a vehicle having a receiver comprising:

first means for providing first data indicating an extent of control over different functions of the vehicle; and

second means for providing second data for entry to the vehicle;

whereby the first data and second data are provided to the receiver, and the second data is verified before access to the vehicle is allowed and the extent of control indicated by the second data is granted.--

--46. The apparatus of claim 45 further comprising a memory for storing the first and second data.--

--47. The apparatus of claim 46 further comprising an integrated circuit (IC) card which includes the memory.--

--48. The apparatus of claim 45 further comprising a processor for generating a signal representative of the first and second data, the signal being receivable by the receiver.--

--49. Apparatus for gaining access to a vehicle having a receiver comprising:

first means for providing first data concerning a setting of at least one selected items in the vehicle; and

second means for providing second data for entry to the vehicle;

whereby the first data and second data are provided to the receiver, and the second data is verified before access to the vehicle is allowed and the setting is effected.--

--50. The apparatus of claim 49 further comprising a memory for storing the first and second data.--

--51. The apparatus of claim 50 further comprising an IC card which includes the memory.--

--52. The apparatus of claim 49 further comprising a processor for generating a signal representative of the first and second data, the signal being receivable by the receiver.--

--53. A system for use in a vehicle comprising:

a mechanism for moving the vehicle to transport at least a user in the vehicle;

a display;

an interface for selecting a mode where one or more simulated traffic conditions are indicated on the display, the vehicle being substantially stationary in said mode; and

a processor for testing the user's operation of the vehicle under the one or more simulated traffic conditions.--

--54. A system for adjusting an item included in a vehicle comprising:

a display for showing thereon an indicator associated with the item; and

an interface for moving the indicator on the display to adjust the item associated therewith, an extent to which the item is adjusted being proportional to an extent to which the indicator is moved.--

--55. The system of claim 54 wherein the item includes a window.--

--56. The system of claim 54 wherein the item includes a mirror.--

--57. The system of claim 54 wherein the item includes a door.--

--58. The system of claim 54 wherein the item includes a seat.--

--59. The system of claim 54 wherein the item includes an audio output.--

--60. A system for use in a vehicle comprising:

a receiver for receiving a signal from each of a plurality of sources providing entertainment, the receiver deriving, from the received signal, information concerning at least the type of entertainment provided by the source; and

an interface for presenting indicators representing respective ones of the plurality of sources, each indicator being selectable to receive entertainment from the source represented by the indicator, the indicators being arranged according to the types of entertainment provided by the sources represented thereby.--

--61. The system of claim 60 wherein each of the sources includes a radio station.--

--62. A system for use in a vehicle comprising:

a first interface for programming a plurality of groups of sources providing entertainment, each group of sources being associated with a respective one of a plurality of locales;

a second interface for presenting a first group of sources associated with a first locale which the vehicle is in; and

a mechanism for detecting a change of a location of the vehicle from the first locale to a second locale, a second group of sources associated with the second locale being presented in response to the change.--

--63. The system of claim 62 wherein each of the sources includes a radio station.--

--64. A system for use in a vehicle, the vehicle moving in a first direction, comprising:

a generator for generating a signal indicative of a second, different direction in which the vehicle is proceeding;

a sensor for detecting any obstacle in the second direction; and

a mechanism for causing the vehicle to controllably avoid any detected obstacle in the second direction.--

--65. A method for use in a system in a vehicle including a plurality of components, the system including a display, comprising ~~the steps of~~:

displaying a plurality of items each representing a respective one of the components, the displayed items being arranged on the display in substantially the same relation to one another as the components represented thereby in the vehicle;

selecting at least one of the items; and

operating the component represented by the selected item.--

--66. A method for use in a vehicle including a display comprising the steps of:

displaying a first item indicative of the vehicle, and at least a second item indicative of an object;

defining a zone on the display, said zone including the first item but excluding the second item,

said zone representing an area which the vehicle is in; and

generating a signal when the object is detected to be within the area.--

--67. A method for use in a system in a vehicle comprising the steps of:

providing a plurality of options, each option being associated with a respective one of a plurality of aspects of the vehicle;

selecting at least one of said options, the selected option comprising a plurality of sub-options relating thereto;

providing an indicator indicating that the sub-options are available for selection; and

selecting the indicator to access one or more of the sub-options.--

--68. A method for use in a system for operating a vehicle moving in a first direction comprising the steps of:

selecting a gear to change an operation of the vehicle;

determining whether the selection of the gear causes the vehicle to move in a second direction different from the first direction; and

overruling the selection when the selection is determined to cause the vehicle to move in the second direction.--

--69. A method for use in a system for operating a moving vehicle engaged in a first selected gear

comprising the steps of:

detecting a change from the first selected gear to a second selected gear; and

decelerating the moving vehicle when the change is detected.--

--70. A method for use in a navigation system in a vehicle comprising the steps of:

indicating a route;

obtaining information about at least one weather condition on the route; and

providing an indicator indicative of the weather condition based on the information.--

--71. A method for use in a navigation system in a vehicle comprising the steps of:

indicating a route;

obtaining information about at least one traffic condition on the route; and

providing an indicator indicative of the traffic condition based on the information.--

--72. A method for use in a system in a vehicle comprising the steps of:

showing a map including the current location of the vehicle;

selecting an area in the map; and

obtaining information on at least one weather condition in the area; and

providing an indicator indicative of the weather condition in the area based on the information.--

--73. A method for use in a system in a vehicle comprising the steps of:

showing a map including the current location of the vehicle;

selecting an area in the map;

obtaining information on at least one traffic condition in the area; and

providing an indicator indicative of the traffic condition in the area.--

--74. A method for use in a system for operating a vehicle, the vehicle moving in a selected lane, comprising the steps of:

providing automatic steering of the vehicle within the selected lane;

generating an indication of leaving the selected lane; and

in response to the indication, allowing manual steering of the vehicle.--

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--75. A method for use in a system in a vehicle comprising the steps of:

defining a zone surrounding the vehicle;

determining whether any objects capable of colliding with the vehicle is within the zone; and

generating a signal when at least one such object is within the zone.--

--76. A method for use in a system for parking a vehicle comprising the steps of:

defining a space for parking the vehicle;

identifying the current position of the vehicle,

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and positions of any obstacles surrounding the space; and

automatically moving the vehicle from the current position into the space, avoiding the obstacles.--

--77. A method for limiting control by a user of an item in a vehicle, the user being assigned a security code and a clearance level, comprising the steps of:

verifying the security code; and

performing a comparison between the clearance level and a security level pre-assigned to the item, the allowability of the control by the user being based on verification of the security code and a result of the comparison.--

--78. A method for use in an apparatus for gaining access to a vehicle having a receiver, comprising the steps of:

providing first data indicating an extent of control over different functions of the vehicle; and

providing second data for entry to the vehicle;

whereby the first data and second data are provided to the receiver, and the second data is verified before access to the vehicle is allowed and the extent of control indicated by the second data is granted.--

--79. A method for use in an apparatus for gaining access to a vehicle having a receiver, comprising the steps of:

providing first data concerning a setting of at

least one selected item in the vehicle; and

providing second data for entry to the vehicle;

whereby the first data and second data are provided to the receiver, and the second data is verified before access to the vehicle is allowed and the setting is effected.--

--80. A method for use in a system in a vehicle capable of transporting at least a user, the system including a display, comprising the steps of:

selecting a mode where one or more simulated traffic conditions are indicated on the display, the vehicle being substantially stationary in said mode; and

testing the user's operation of the vehicle under the one or more simulated traffic conditions.--

--81. A method for use in a system for adjusting an item included in a vehicle, the system including a display, comprising the steps of:

showing on the display an indicator associated with the item; and

moving the indicator on the display to adjust the item associated therewith, an extent to which the item is adjusted being proportional to an extent to which the indicator is moved.--

--82. The method of claim 81 wherein the item includes a window.--

--83. The method of claim 81 wherein the item includes a mirror.--

--84. The method of claim 81 wherein the item includes a door.--

--85. The method of claim 81 wherein the item includes a seat.--

--86. The method of claim 81 wherein the item includes an audio output.--

--87. A method for use in system in a vehicle comprising the steps of:

receiving a signal from each of a plurality of sources providing entertainment,

deriving, from the received signal, information concerning the type of entertainment provided by the source; and

presenting indicators representing respective ones of the plurality of sources, each indicator being selectable to receive entertainment from the source represented by the indicator, the indicators being arranged according to the types of entertainment provided by the sources represented thereby.--

--88. The method of claim 87 wherein each of the sources includes a radio station.--

--89. A method for use in a system in a vehicle comprising the steps of:

programming a plurality of groups of sources providing entertainment, each group of sources being associated with a respective one of a plurality of locales;

presenting a first group of sources associated with a first locale which the vehicle is in; and

detecting a change of a location of the vehicle from the first locale to a second locale, a second group of sources associated with the second locale being presented in response to the change.--

--90. The method of claim 89 wherein each of the sources includes a radio station.--

--91. A method for use in a system in a vehicle, the vehicle moving in a first direction, comprising the steps of:

generating a signal indicative of a second, different direction in which the vehicle is proceeding;

detecting any obstacle in the second direction; and

causing the vehicle to controllably avoid any detected obstacle in the second direction.--

Remarks

Applicant brings to the Examiner's attention the references listed on the attached Information Disclosure Statement Form PTO-1449 (3 pages), and enclose herewith a copy of each listed reference. It is respectfully requested that the listed references be made of record in the application.

In addition, the specification has been amended to correct a couple of typographical errors. Fig. 18 of the